

# Tanner Stages for Boys

## Genital development<sup>1-3</sup>



### Stage 1 (Prepubertal)

The testes, scrotum, and penis are all about the same size and proportion as in early childhood.



### Stage 2

The scrotum and testes have grown. There is a change in texture and some reddening of the scrotal skin.



### Stage 3

The penis has grown mainly in length (occurs first), followed by some increase in width. There is also growth of the testes and scrotum.



### Stage 4

Penis is further enlarged in length and width with development of the glans (wider area at end of penis). The testes and scrotum have continued to grow, and there is further darkening of the scrotal skin.



### Stage 5 (Mature adult)

Penis and scrotum are adult in size and shape. No further enlargement takes place after stage 5 is reached.

## Pubic hair growth<sup>1-3</sup>



### Stage 1 (Prepubertal)

No pubic hair. The vellus (fine hair) is not further developed than that on the abdomen.



### Stage 2

Sparse growth of long, slightly pigmented, downy hair, straight or only slightly curled, appearing mostly at the base of the penis.



### Stage 3

Considerably darker, coarser, and more curled hair that is beginning to spread across the pubic area.



### Stage 4

The hair is now more like adult pubic hair, but the area it covers is smaller compared to most adults.



### Stage 5 (Mature adult)

The hair is now like adult pubic hair in both type and quantity. It is distributed in the classic triangle pattern and has spread to the inner thigh area.

**References:** 1. Brown RT. Adolescent growth and development. In: Holland-Hall C, Brown RT, eds. *Adolescent Medicine Secrets*. Philadelphia, PA: Hanley & Belfus, Inc.; 2002:21-28. 2. Marshall WA, Tanner JM. Variations in the pattern of pubertal changes in boys. *Arch Dis Child*. 1970;45(239):13-23. 3. *Dorland's Illustrated Medical Dictionary*. 32nd ed. Philadelphia, PA: Elsevier; 2011.

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